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Substitute for Form 1449/APTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 5

Complete if Known

Application Number	10/026,393
Filing Date	December 21, 2001
First Named Inventor	Quirk
Group Art Unit	1442
Examiner Name	Not Yet Assigned
Attorney Docket Number	11301-1170 (44039-250928)

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	6,191,255	B1	Seiki et al.	02-20-2001	
	2	6,166,084		Bloor	12-26-2000	
	3	6,140,068		Livant	10-31-2000	
	4	6,093,398		Khaw et al.	07-25-2000	
	5	6,080,575		Heidtmann et al.	06-27-2000	
	6	6,043,087		Bini et al.	03-28-2000	
	7	6,037,137		Komoriya et al.	03-14-2000	
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	11	5,935,796		Fosang	08-10-1999	
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	13	5,834,212		Okada et al.	11-10-1998	
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	19	5,595,885		Stetler-Stevenson et al.	01-21-1997	
	20	5,585,356		Liotta et al.	12-17-1996	
	21	5,516,891		Siwruk et al.	05-14-1996	
	22	5,484,726		Basset et al.	01-16-1996	
	23	5,389,092		Guillemet et al.	02-14-1995	
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	27	5,236,844		Basset et al.	08-17-1993	
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	32	5,059,425		Tsilibary et al.	10-22-1991	
	33	4,904,469		Petereit et al.	02-27-1990	
	34	4,876,332		Tsilibary et al.	10-24-1989	
	35	4,613,502		Turková	09-23-1986	

Examiner Signature

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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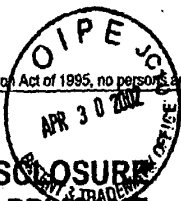
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<p>Substitute for Form 1449/A/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;">(use as many sheets as necessary)</p>		<p style="text-align: center;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/026,393</td> </tr> <tr> <td>Filing Date</td> <td>December 21, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Quirk</td> </tr> <tr> <td>Group Art Unit</td> <td>1442</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>11301-1170 (44039-250928)</td> </tr> </table>		Application Number	10/026,393	Filing Date	December 21, 2001	First Named Inventor	Quirk	Group Art Unit	1442	Examiner Name	Not Yet Assigned	Attorney Docket Number	11301-1170 (44039-250928)
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	77	JP409249700A	United States of America	09-22-1997	

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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
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Examiner Signature		Date Considered	
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PTO/SB/08B (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Examiner Signature					Date Considered	6/24/04

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 5

Complete if Known

Application Number	10/026,393
Filing Date	December 21, 2001
First Named Inventor	Stephen Quirk
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	11301-1170 (44039-250928)

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Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
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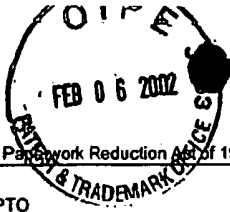
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
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Application Number	10/026,393
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First Named Inventor	Stephen Quirk
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	11301-1170 (44039-250928)

Sheet 3 of 5

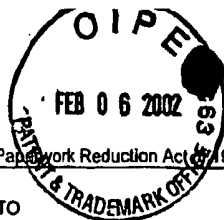
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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
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Examiner Signature			Date Considered 6/24/4

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		Application Number	10/026,393		
		Filing Date	December 21, 2001		
		First Named Inventor	Stephen Quirk		
		Group Art Unit	Not Yet Assigned		
		Examiner Name	Not Yet Assigned		
Sheet	4	of	5	Attorney Docket Number	11301-1170 (44039-250928)

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
	94	BAKER ET AL. "Real-time monitoring of recombinant protein concentration in animal cell cultures using an optical biosensor", <u>Genet. Eng. Biotechnol.</u> (1997): 17(2&3), 69-74. Chemical Abstracts 16-Fermentation and Bioindustrial Chemistry, Vol. 128, No. 6, 1998, 128:60742q.		
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Examiner Signature			Date Considered	6/23/4

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First Named Inventor	Stephen Quirk
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	11301-1170 (44039-250928)

Sheet	5	of	5
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OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS

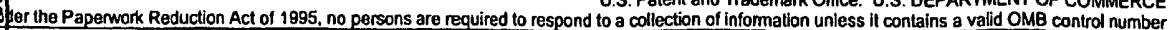
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Application Number	10/026,393
Filing Date	December 21, 2001
First Named Inventor	Quirk
Group Art Unit	1442
Examiner Name	Not yet known
Attorney Docket Number	11301-1170 (44039-250928)

Sheet	1	of	2
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FIELD

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Sheet	2	of	2
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